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TEXTILE ORGANON

Volume 57, No. 10 ☐ October 1986

A publication of the *Textile Economics Bureau, Inc.*

MONTHLY REVIEW

Highlights

Textile Organon Features:

6 Months U.S. Exports of Man-Made Fiber . . . see page 240.

6 Months U.S. Imports of Man-Made Fiber . . . see page 241.

The U.S. Textile Trade Balance: An Overview . . . . Begins on Page 232.

In September, shipments of noncellulosic yarn+monofilaments increased to 328.1 million pounds, up 2.9% from the 319.0 million pounds shipped in August.

- ***Cellulosic yarn*** shipments rose by 1.7% to 17.6 million pounds.
- ***Nylon carpet yarn*** shipments increased to 83.9 million pounds, up 6.7%.
- ***Nylon textile yarn*** shipments rose by 8.9% to 30.5 million pounds.

Shipments of noncellulosic staple+tow, during the same month, rose to 361.1 million pounds, up 6.6% from the 338.6 million pound level in August.

- ***Cellulosic staple*** shipments fell by almost 5% to 33.3 million pounds.
- ***Acrylic staple+tow*** shipments increased nearly 12% to 56.7 million pounds.
- ***Polyester staple+tow*** shipments rose by 7.3% to 186.7 million pounds.

TABLE 1:
TOTAL MAN-MADE FIBER SHIPMENTS
MILLION POUNDS & *PERCENT*

ITEM	1986 SEPT	1986 AUG	% [a]	1985 SEPT	% [b]	YEAR TO DATE 1986	YEAR TO DATE 1985	% [c]
YARN+MONOFILAMENTS								
CELLULOSIC YARN	**17.6**	**17.3**	***+1.7***	**17.5**	***+0.6***	**161.4**	**156.9**	***+2.9***
NYLON [d] - INDUSTRIAL	25.7	27.3	*-5.9*	31.4	*-18.2*	244.3	262.6	*-7.0*
- CARPET	83.9	78.6	*+6.7*	82.5	*+1.7*	672.8	609.6	*+10.4*
- TEXTILE [e]	30.5	28.0	*+8.9*	29.1	*+4.8*	273.0	265.2	*+2.9*
POLYESTER - INDUSTRIAL	25.5	24.7	*+3.2*	23.8	*+7.1*	232.2	218.4	*+6.3*
- TEXTILE [e]	72.3	71.5	*+1.1*	98.6	*-26.7*	638.8	769.8	*-17.0*
OLEFIN	90.2	88.9	*+1.5*	81.4	*+10.8*	761.0	714.6	*+6.5*
TOTAL NONCELLULOSIC ABOVE	**328.1**	**319.0**	***+2.9***	**345.8**	***-5.4***	**2822.1**	**2840.2**	***-0.6***
STAPLE+TOW+FIBERFILL								
RAYON	**33.3**	**34.9**	***-4.6***	**29.7**	***+12.1***	**299.2**	**264.7**	***+13.0***
NYLON [d]	91.4	86.6	*+5.5*	73.7	*+24.0*	662.5	618.0	*+7.2*
ACRYLIC+MODACRYLIC	56.7	50.7	*+11.8*	57.5	*-1.4*	470.5	491.7	*-4.3*
POLYESTER	186.7	174.0	*+7.3*	173.6	*+7.5*	1576.6	1522.2	*+3.6*
OLEFIN+VINYON	26.3	27.3	*-3.7*	26.0	*+1.2*	246.9	216.1	*+14.3*
TOTAL NONCELLULOSIC ABOVE	**361.1**	**338.6**	***+6.6***	**330.8**	***+9.2***	**2956.5**	**2848.0**	***+3.8***

-- -- Means no change.
a. Percent change from previous month to current month.
b. Percent change to current month from same month last year.
c. Percent change from cumulative total last year to cumulative total this year.
d. Nylon excludes Aramid.
e. Low denier industrial Nylon and Polyester is included with Textile.
Also see footnotes on last page of this issue.

Textile Organon

A Monthly Review

OCTOBER 1986

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ISSN 0040-5132

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Current Subscription Rates
(payable in U.S. dollars with order):

ITEM	U.S.A.	OTHER
Annually (1 year only)	140.00	210.00
Schools & Nonprofit	50.00	75.00
Single Issues:		
June	40.00	60.00
September	40.00	60.00
All Others	25.00	35.00

All issues will be sent to U.S. subscribers by first-class mail and those to all other countries by airmail.

DATAGRAM

SHIPMENTS RECORD MODEST GROWTH

For the period of January-September of 1986, shipments of noncellulosic yarn+ monofilaments and staple+ tow reached 5,778.6 million pounds, an increase of 1.6% from the 5,688.2 million pounds shipped during the first nine months of 1985.

When compared to January - September 1985 levels:

- Yarn+monofilament shipments are down 1% to 2,822.1 million pounds.
- Staple+tow shipments increased by 3.8% to 2,956.5 million pounds.

INVENTORIES REMAIN UNCHANGED

Inventories of noncellulosic yarn+monofilaments and staple+tow rose by only 0.4% in September to 606.6 million pounds compared to the 604.4 million pound level in September of 1985.

Comparing 1985 September levels:

- Yarn+monofilament inventories are down by 0.5% to 298.1 million pounds.
- Staple+tow inventories are up just over 1% to 308.5 million pounds.

EXPORTS OF FIBER DECLINE SHARPLY

During the first six months of 1986, exports of man-made fiber fell by almost 17% to 361.1 million pounds. This compares to the 1985 January - June level of 433.4 million pounds.

Key areas to note:

- Polyester staple exports fell by over 55% during the first six months of 1986 to 48.5 million pounds. This compares to 109.0 million pounds for the same period in 1985.
- Acrylic staple exports totaled 34.3 million pounds during January - June 1986, a decline of almost 54% from the 73.6 million pounds exported during the same time in 1985.
- Polyester textured yarn exports dropped by 24% and totaled 51.2 million pounds for the January - June period of this year. This compares to 59.5 million pounds exported during the same time in 1985.

IMPORTS OF FIBERS CONTINUE TO GROW

Imports of man-made fiber, for the first six months of 1986, totaled 181.7 million pounds, up 13.4% from the 160.3 million pounds imported during the same period in 1985.

The major growth areas are:

- Polyester staple imports, for the first six months of 1986, rose by almost 38% to 26.8 million pounds. This compares to 13.2 million pounds imported during the same time in 1985.
- Nylon staple imports, for the 1986 January - June period, gained over 34% totaling 22.5 million pounds. This compares to the 1985 six months level of 16.8 million pounds.

COURTAULDS INCREASES RAYON PRODUCTION

Courtaulds North America Inc. has brought on stream additional rayon production in its Mobile, Ala. plant, raising the company's Viscose Rayon production by more than 15%. The decision to boost production was made in response to strong domestic market demand, according to David T. Wilkinson, president and chief executive officer. (Knitting Times, September 1986)

U.S. MAN-MADE FIBER TEXTILE TRADE BALANCE:
AN OVERVIEW

The U.S. balance of trade in man-made fiber and manufactures dropped sharply in 1985 to a net **import** balance of 400.8 million pounds.

When placed in perspective of previous trade balance levels, this net **import** balance represents a significant departure from the historical trend of net **export** balances since 1973. However, 1985 data simply typifies a deepening erosion in the trade balance situation since 1980.

Significant imports of garments, a diminishing trade position in man-made fibers, as well as declining exports of both man-made fiber and manufactures, have contributed to the trade balance deterioration.

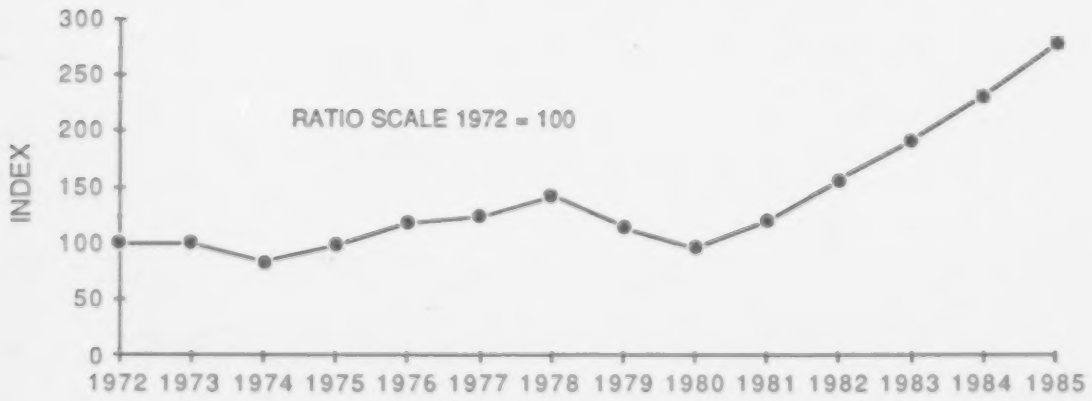
As Graph 1 depicts, an index of the U.S. net **import** balance has increased sharply since 1980. With 1972 as the base point of 100, the 1980 index stood at 96, while the 1985 index rose to 279.

Most importantly, over the same period, the overall U.S. man-made fiber and manufacture trade balance eroded from a net **export** balance of 1,443.5 million pounds to the net **import** balance of 400.8 million pounds in 1985 (Graph 2). This erosion is a result of the garment import trade.

Since 1973, the U.S. has enjoyed a net **export** balance of trade in man-made fibers. However, the balance of trade in man-made fibers has declined significantly since 1981, as shown in Graph 3. Declining exports coupled with increasing imports have caused the man-made fiber trade balance to deteriorate in much the same manner as the garment import balance has eroded trade in manufactures.

However, it is the importance of garment net **import** balance which really had the greatest impact on the overall trade situation. Graph 4 shows the effect of excluding the garment trade from the man-made fiber manufacture balance. Without including garments, the trade in man-made fiber manufactures would for most years exhibit a net **export** balance, except starting in 1983, when imports of man-made fiber & manufacture started to increase, as opposed to a net **import** balance when garments are included.

GRAPH 1:
INDEX OF U.S. GARMENT IMPORT TRADE BALANCE*
1972-1985



*Indexed from import balance in millions of pounds.

GRAPH 2:
U.S. BALANCE OF TRADE IN MAN-MADE FIBER MANUFACTURES
1972-1985

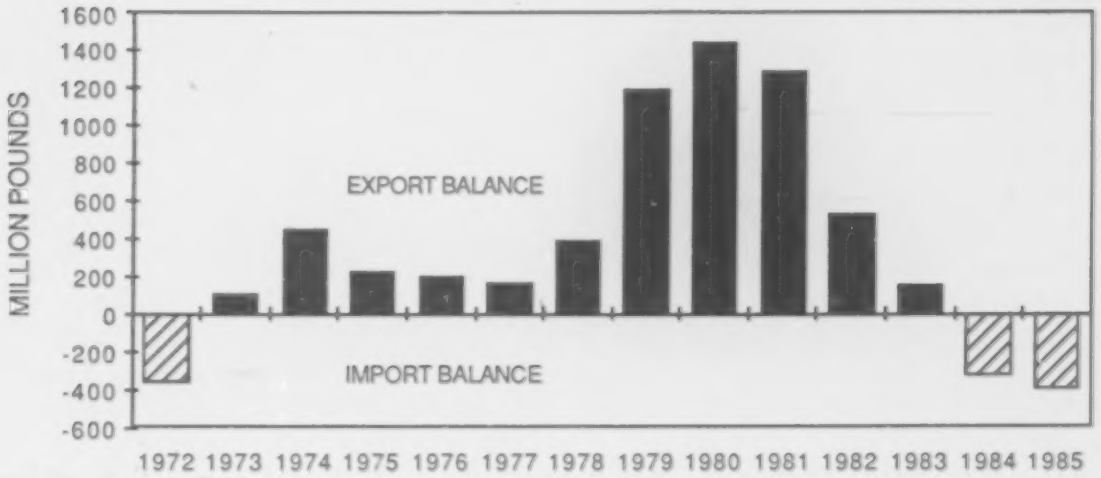


TABLE 2:
U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER & MANUFACTURES
1972-1985
MILLION POUNDS

YEAR	IMPORTS	EXPORTS	BALANCE [a]	
1972	919.8	561.7	358.1	I
1973	830.0	938.1	108.1	E
1974	630.1	1083.8	453.7	E
1975	581.9	815.3	233.4	E
1976	710.0	922.2	212.2	E
1977	781.6	958.5	176.9	E
1978	848.5	1248.3	399.8	E
1979	636.1	1830.3	1194.2	E
1980	636.3	2079.8	1443.5	E
1981	796.4	2088.7	1292.3	E
1982	831.5	1374.3	542.8	E
1983	1287.9	1130.8	157.1	E
1984	1641.2	1316.1	325.1	I
1985	1728.7	1327.9	400.8	I

SOURCE: U.S. Census Bureau Report IM145X and EM546. U.S. Department of Agriculture, Cotton & Wool Outlook and Situation Report.
a. I Means Import Balance. E Means Export Balance.

GRAPH 3:
U.S. BALANCE OF TRADE IN MAN-MADE FIBER VS.
U.S. BALANCE OF TRADE IN MAN-MADE FIBER MANUFACTURES

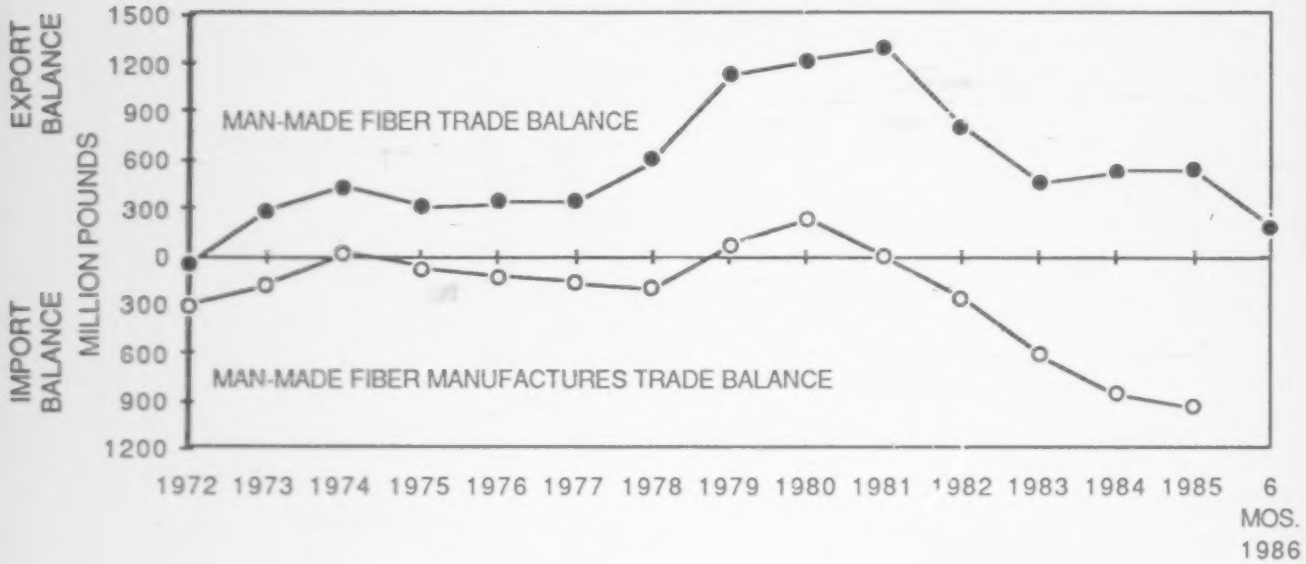


TABLE 3A:
U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER
1972-1986
MILLION POUNDS

YEAR	IMPORTS	EXPORTS	BALANCE[a]	
1972	439.3	384.1	55.2	I
1973	367.1	651.9	284.8	E
1974	258.9	693.1	434.2	E
1975	181.5	492.9	311.4	E
1976	230.5	570.0	339.5	E
1977	250.5	591.4	340.9	E
1978	205.9	806.6	600.7	E
1979	111.1	1233.7	1122.6	E
1980	95.7	1308.3	1212.6	E
1981	157.3	1451.0	1293.7	E
1982	133.5	935.8	802.3	E
1983	218.5	670.1	451.6	E
1984	299.2	828.1	528.9	E
1985	331.7	867.6	535.9	E
6mos.1986	181.7	361.2	179.5	E

TABLE 3B:
U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER MANUFACTURES
1972-1985
MILLION POUNDS

YEAR	IMPORTS	EXPORTS	BALANCE[a]	
1972	480.5	177.6	302.9	I
1973	462.9	286.2	176.7	I
1974	371.2	390.7	19.5	E
1975	400.4	322.4	78.0	I
1976	479.5	352.2	127.3	I
1977	531.1	367.1	164.0	I
1978	642.6	441.7	200.9	I
1979	525.0	596.6	71.6	E
1980	540.6	771.5	230.9	E
1981	639.1	637.7	1.4	I
1982	698.0	438.5	259.5	I
1983	1069.4	460.7	608.7	I
1984	1342.0	488.0	854.0	I
1985	1397.0	460.3	936.7	I

SOURCE: U.S. Census Bureau Report IM145X and EM546. U.S. Department of Agriculture, Cotton & Wool Outlook and Situation Report.
a. I Means Import Balance. E Means Export Balance.

GRAPH 4:
U.S. IMPORT & EXPORT BALANCE OF MAN-MADE FIBER MANUFACTURES
1972-1985

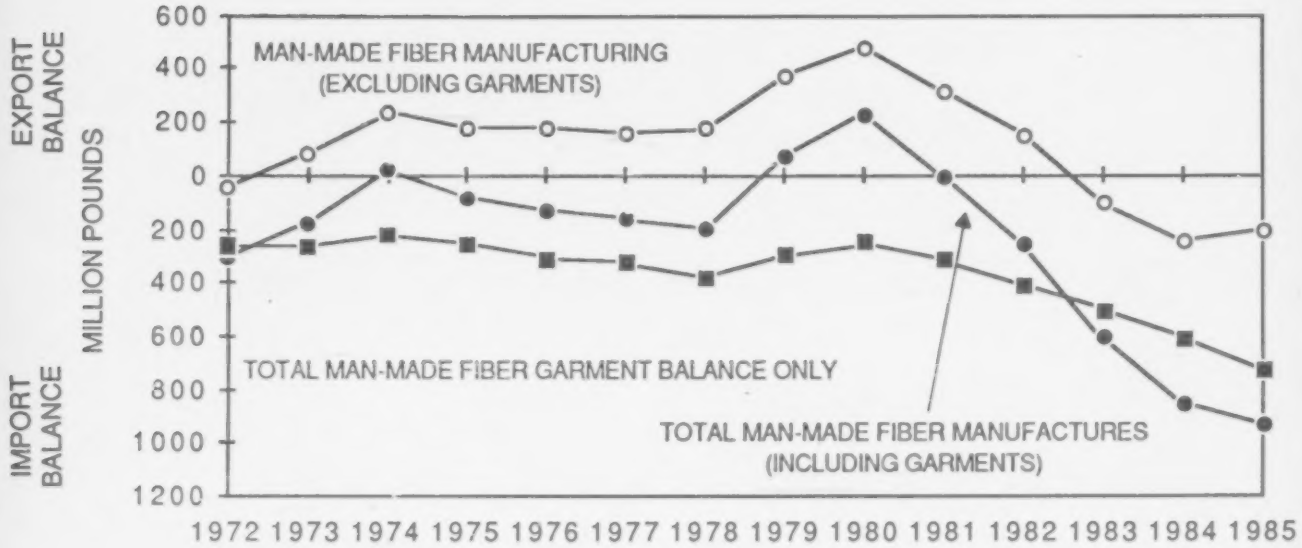


TABLE 4A:
U.S. IMPORTS, EXPORTS & BALANCE OF MAN-MADE FIBER MANUFACTURES (EXCLUDING TRADE IN GARMENTS)
1972-1985
MILLION POUNDS

YEAR	IMPORTS	EXPORTS	BALANCE [a]	
1972	196.9	152.8	44.1	I
1973	178.4	263.4	85.0	E
1974	119.2	357.6	238.4	E
1975	111.4	290.6	179.2	E
1976	135.1	317.8	182.7	E
1977	164.6	327.3	162.7	E
1978	217.0	393.1	176.1	E
1979	165.2	536.1	370.9	E
1980	162.0	644.4	482.4	E
1981	202.0	517.0	315.0	E
1982	211.5	363.3	151.8	E
1983	493.4	389.9	103.5	I
1984	653.1	408.6	244.5	I
1985	598.9	395.1	203.8	I

TABLE 4B:
U.S. GARMENTS TRADE BALANCE
1972-1985
MILLION POUNDS

YEAR	BALANCE [a]	
1972	262.8	I
1973	261.7	I
1974	218.9	I
1975	257.2	I
1976	310.0	I
1977	326.7	I
1978	377.0	I
1979	299.3	I
1980	251.5	I
1981	316.4	I
1982	411.3	I
1983	505.2	I
1984	609.5	I
1985	732.9	I

SOURCE: U.S. Census Bureau Report IM145X and EM546. U.S. Department of Agriculture, Cotton & Wool Outlook and Situation Report.
a. I Means Import Balance. E Means Export Balance.

TRADE BAROMETER

MAN-MADE FIBER TRADE BALANCE RISES

The U.S. man-made fiber balance of trade rose sharply in August, as the net-export balance of trade rose to 19.6 million pounds, up over 108% from the 9.4 million pound export balance in July.

Rising exports coupled with declining imports resulted in the rising trade balance. Exports of fiber totaled 50.5 million pounds, up10% from the 45.9 million pound export level in July. Imports in August totaled 30.9 million pounds, down over 15% from the 36.5 million pounds imported last month.

The August balance of trade is 74% below that of August 1985. This month's exports are 40% below the level of last August, while imports are over 4% above the August 1985 level.

AUGUST DETAIL

The net-export balance of trade in noncellulosic yarn+monofilaments rose 3.1% in August to 6.6 million pounds and the net-export balance in non-cellulosic staple+tow increased over 200% to 3.6 million pounds.

The noncellulosic staple+tow balance of trade rose in August as a result of rising exports and declining imports. Exports increased over 3% and imports fell by nearly 11%.

The balance of trade in noncellulosic yarn+monofilaments rose in August as imports declined by 14% and exports fell by almost 9%.

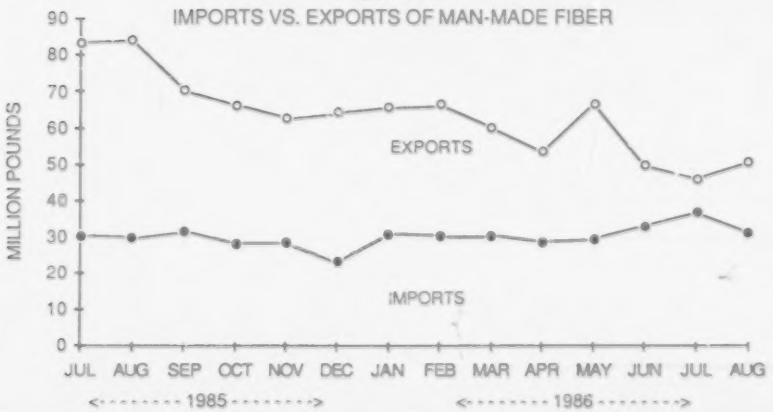
Key areas to note in August:

- Acrylic staple. Exports rose by 40%, while imports fell over 41%.
- Olefin staple. Exports increased by 2%, whereas imports declined by 52%.
- Polyester staple. Exports fell nearly 14%, while imports dropped by 13%.
- Polyester textured yarn. Imports declined by 35%, and exports fell by 41%.

NOTE ABOUT MANUFACTURES TRADE DATA

Due to substantial revisions and additions to the U.S. Census TSUSA commodity number system, there will not be a listing of trade data for manufactures this month. As soon as changes are implemented, the manufactures trade data will again appear in the ***ORGANON.***

GRAPH 5:
IMPORTS VS. EXPORTS OF MAN-MADE FIBER



GRAPH 6:
MAN-MADE FIBER TRADE BALANCE DETAIL

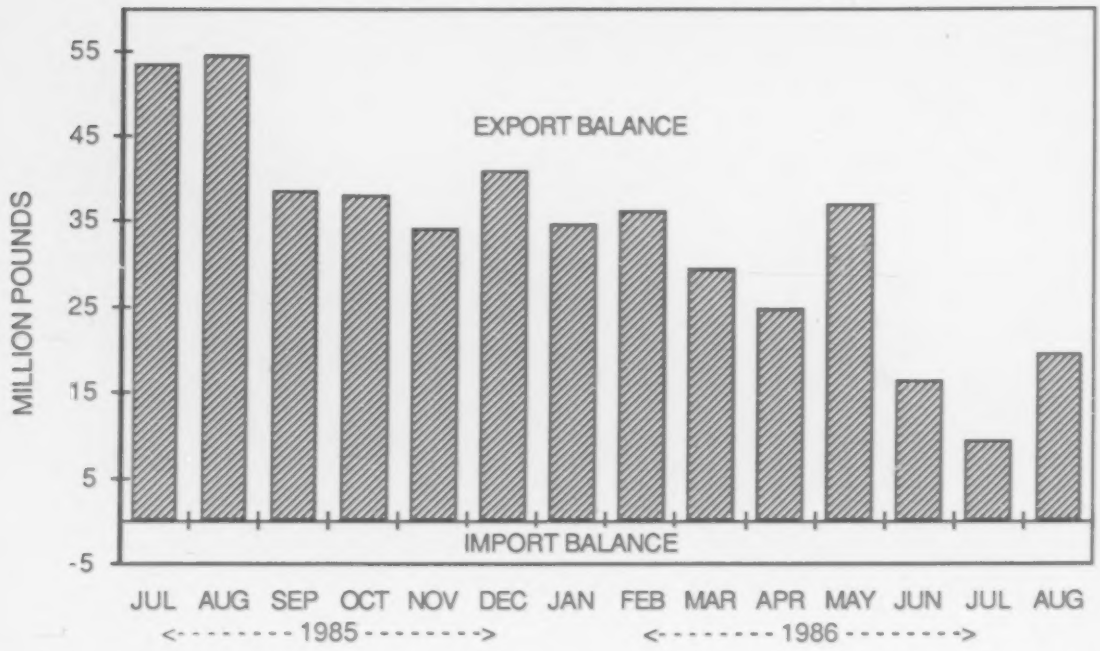


TABLE 5:
MAN-MADE FIBER MONTHLY TRADE BALANCE DETAIL

MILLION POUNDS

COMMODITY	1985						1986							
	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
CELLULOSIC YARN+MONOFILAMENTS	+	0.4 I	1.1 I	0.8 I	0.1 I	0.3 I	0.9 I	0.8 I	0.7 I	0.9 I	0.1 I	0.7 I	0.7 I	0.8 I
CELLULOSIC STAPLE+TOW	0.9 E	4.3 E	1.1 E	2.4 E	1.7 E	1.0 E	0.8 E	1.5 E	4.0 E	0.4 I	1.4 E	0.4 E	1.5 E	1.6 E
NONCELLULOSIC YARN+MONOFILAMENTS	21.0 E	23.2 E	19.3 E	18.1 E	20.3 E	20.5 E	20.5 E	15.3 E	14.4 E	13.6 E	20.0 E	7.1 E	6.4 E	6.6 E
NONCELLULOSIC STAPLE+TOW	28.0 E	22.5 E	16.3 E	14.1 E	5.5 E	14.6 E	9.1 E	12.1 E	5.6 E	4.0 E	8.6 E	4.0 E	1.2 E	3.6 E
CELLULOSIC WASTE	+	+	0.1 E	+	+	+	0.1 E	0.2 E	0.2 E	0.3 E	0.1 E	0.1 E	0.1 E	0.3 E
NONCELLULOSIC WASTE	3.7 E	4.9 E	3.0 E	4.4 E	6.7 E	5.3 E	5.2 E	8.0 E	6.1 E	8.3 E	7.0 E	5.7 E	0.9 E	8.3 E
TOTAL	53.6 E	54.5 E	38.7 E	38.2 E	34.1 E	41.1 E	34.8 E	36.3 E	29.6 E	24.9 E	37.0 E	16.6 E	9.4 E	19.6 E

I means net-import balance.
E means net-export balance.

TABLE 6A:
SELECTED U.S. EXPORTS BY COUNTRY OF DESTINATION
THOUSAND POUNDS

COUNTRY	A. CELLULOSIC YARN, MONO & STRIPS			B. NONCELLULOSIC TEXTILE YARN			C. NC INDUSTRIAL YARN, MONO & STRIPS			D. CELLULOSIC STAPLE+TOW			E. NONCELLULOSIC STAPLE+TOW		
	1984	1985	6 MOS. 1986	1984	1985	6 MOS. 1986	1984	1985	6 MOS. 1986	1984	1985	6 MOS. 1986	1984	1985	6 MOS. 1986
CANADA	1446	3172	2059	19232	15849	9595	5783	8422	4606	364	243	126	63903	58372	27682
COSTA RICA	32	46	0	2813	2932	3244	547	266	53	74	84	42	5203	4141	1148
DOMINICAN REPUBLIC	5	10	2	1275	2037	717	68	122	269	0	64	7	466	476	112
EL SALVADOR	7	14	2	3444	3759	3176	437	622	184	35	0	239	6639	5087	1662
GUATEMALA	0	132	0	2328	2428	431	239	259	104	44	0	0	3181	2710	1384
HAITI	0	0	0	465	323	42	710	784	334	0	0	5	36	1	5
HONDURAS	34	0	0	478	238	584	137	480	84	0	2	4	2162	923	91
JAMAICA	1	0	1	218	227	148	7	13	3	44	0	0	34	54	0
LEEWARD & WINDWARD ISL.	0	2	0	65	0	0	1	2	0	10	0	0	7	0	0
MEXICO	22	46	41	485	817	285	1845	1663	849	9441	15171	5348	2010	4097	10224
NICARAGUA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
PANAMA	0	0	0	31	209	42	101	99	35	0	0	0	50	35	1
TRINIDAD	0	0	0	69	2	0	16	5	4	1	1	0	3	44	2
OTHER	2	0	0	26	+	1	19	3	2	+	1	0	48	4	13
NORTH AMERICA	1549	3422	2105	30929	28821	18365	9911	12740	6527	10013	15566	5771	83742	75944	42324
ARGENTINA	92	158	19	3596	372	78	1088	37	47	707	112	71	13272	529	144
BOLIVIA	0	0	0	72	25	20	1	9	0	0	0	0	172	374	110
BRAZIL	+	0	62	1752	1454	800	1152	1420	526	15	48	19	171	637	636
CHILE	10	0	6	281	160	269	65	43	99	2041	828	499	9250	6278	5538
COLOMBIA	11	0	0	2436	1285	280	603	354	227	4921	2003	1841	15187	9377	4485
ECUADOR	266	491	102	563	2042	587	46	316	45	264	275	43	7177	11651	3596
PARAGUAY	0	0	0	2	0	9	0	0	0	0	14	0	0	0	9
PERU	2	3	0	127	118	23	130	306	604	1	81	63	1369	514	445
URUGUAY	0	15	0	170	154	73	7	1	1	844	0	0	756	292	102
VENEZUELA	9	60	7	1866	1853	1879	309	601	128	19548	15259	3162	2822	2478	2108
OTHER	0	0	0	0	25	1	0	3	5	0	0	0	+	0	0
SOUTH AMERICA	390	727	196	10865	7488	4019	3401	3090	1682	28341	18620	5698	50176	32130	17173
BELGIUM/LUXEMBOURG	2308	3025	531	13737	8603	4489	10909	10759	7328	812	481	439	14455	8991	4626
DENMARK	0	0	0	87	53	217	20	88	83	15	6	3	1737	2135	2254
FRANCE	1	0	0	2384	2326	1068	136	389	168	251	262	112	579	621	364
GERMANY, FED. REP. OF	258	208	52	1337	2978	796	763	3079	5906	211	167	75	1587	3182	1586
GREECE	0	1	0	16	0	21	27	17	2	0	36	0	459	109	59
IRELAND	0	0	0	1728	1907	826	80	230	337	113	5	0	396	292	63
ITALY	0	1	1	938	647	467	5070	6499	565	353	737	73	972	5359	4313
NETHERLANDS	0	0	15	976	834	465	116	279	75	50	14	13	3750	4632	3189
UNITED KINGDOM	1	160	28	4545	4853	2182	4760	4721	1577	266	698	688	2551	3110	823
AUSTRIA	0	0	0	20	4	8	90	67	28	19	4	2	16	12	26
CZECHOSLOVAKIA	0	0	0	0	0	0	203	212	19	0	0	0	0	0	0
FINLAND	0	0	0	19	14	17	478	249	595	36	3	0	418	251	95
GERMANY, DEM. REP.	0	0	0	19	0	0	0	98	0	0	0	0	242	0	0
HUNGARY	+	0	0	0	0	36	0	0	0	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0	1	0	0	0	0	0	164	175	33
NORWAY	0	0	0	6	41	384	2	0	56	60	49	57	111	188	71
POLAND	96	73	0	202	166	0	2334	3833	1046	0	0	0	11441	9401	2692
PORTUGAL	0	0	0	1066	589	233	6	97	99	0	0	0	1	64	0
SPAIN	0	0	0	0	433	520	2336	1533	169	60	40	7	1563	2888	1476
SWEDEN	0	0	0	341	179	229	2072	1079	158	31	31	20	417	693	528
SWITZERLAND	0	0	1	18	791	229	83	26	220	13	14	7	50	31	1055
TURKEY	0	0	0	561	925	33	29301	29374	15009	0	0	87	97	984	1175
U.S.S.R.	0	0	0	0	0	0	0	1928	0	11217	0	0	0	9	0
YUGOSLAVIA	0	506	0	0	1	1	212	1684	450	0	0	0	0	0	138
OTHER	0	0	0	0	0	0	0	0	0	0	0	0	+	0	0
EUROPE	2664	3974	628	28000	25344	12221	58999	66241	33890	13507	2547	1583	41006	43127	24566

See footnotes opposite.

TABLE 6B:
SELECTED U.S. EXPORTS BY COUNTRY OF DESTINATION *(CONTINUED)*
THOUSAND POUNDS

COUNTRY	A. CELLULOSIC YARN, MONO & STRIPS			B. NONCELLULOSIC TEXTILE YARN			C. NC INDUSTRIAL YARN, MONO & STRIPS			D. CELLULOSIC STAPLE+TOW			E. NONCELLULOSIC STAPLE+TOW		
	1984	1985	6 MOS. 1986	1984	1985	6 MOS. 1986	1984	1985	6 MOS. 1986	1984	1985	6 MOS. 1986	1984	1985	6 MOS. 1986
AUSTRALIA	1424	1660	756	5136	4670	4322	1591	1683	824	178	240	125	4612	3169	1803
BANGLADESH	0	0	0	45	75	0	0	0	0	0	0	0	0	0	0
CHINA, P.R.C.	1	0	0	35699	110359	40739	860	13930	50	0	42	2465	127798	159054	10149
HONG KONG	41	1	12	520	2687	597	177	4516	144	2	5	39	8115	6838	6255
INDIA	46	0	22	126	241	414	2389	2624	1305	7	240	0	1476	4601	1273
INDONESIA	0	0	0	305	59	113	170	2031	1046	15	0	0	630	453	461
IRAQ	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0
ISRAEL	2	11	70	2787	4026	1449	5869	3627	3187	6	23	7	2040	1915	720
JAPAN	1	23	0	2101	2435	1088	9061	10116	4705	187	233	93	3251	2920	2279
JORDAN	0	0	0	227	236	29	0	0	0	0	0	0	0	0	0
KOREA, REP. OF	407	361	0	349	597	230	479	742	322	1	1	0	4430	12431	4935
LEBANON	0	0	0	25	0	0	7	2	113	0	0	0	1	0	0
MALAYSIA	0	0	1	0	0	0	1	0	0	7	0	0	575	28	12
NEW ZEALAND	5	9	0	1319	949	499	557	459	162	7	51	12	385	343	165
PAKISTAN	0	0	0	84	139	14	75	30	44	0	0	0	0	12	0
PHILIPPINES	28	2	2	268	134	124	575	787	455	2908	10	2	3496	3779	3065
QATAR	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
SAUDI ARABIA	0	16	0	47	8	0	5	37	15	4	5	0	43	42	0
SINGAPORE	0	0	0	13	5	5	5	123	5	5	0	1	203	127	98
SYRIA	0	0	0	151	320	273	582	0	88	0	0	0	0	797	26
TAIWAN	1702	7	1	11343	3446	573	2481	2147	2200	71	162	24	60495	46387	9063
THAILAND	63	196	48	4	3	0	2	281	75	0	0	0	1084	717	152
UNITED ARAB EMIRATES	0	0	0	+	0	0	1	0	1	0	0	0	37	0	0
OTHER	0	3	0	2	+	0	0	2	+	1	3	0	165	14	109
ASIA & OCEANIA	3720	2289	912	60557	130389	50469	24887	43137	14741	3399	1017	2768	219036	243627	40565
ALGERIA	0	0	0	5657	2178	0	3	2	2	0	0	0	0	0	0
CAMEROON	0	0	0	127	8	42	0	0	0	0	0	0	287	0	0
EGYPT	0	0	0	4056	2910	1579	55	76	643	444	0	0	8555	9905	4947
KENYA	0	0	0	0	0	0	4	0	0	2	0	0	0	306	0
MOROCCO	71	0	0	69	110	608	21	307	596	0	0	0	383	461	475
MOZAMBIQUE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NIGERIA	0	0	0	1174	866	932	50	1	0	0	0	0	631	0	44
SOUTH AFRICA	439	218	0	2349	621	117	651	127	5	99	74	46	22793	9481	2262
SUDAN	0	0	0	0	0	0	4	0	0	0	0	0	108	12	0
TANZANIA	0	0	0	361	995	0	8	0	0	0	0	0	0	0	0
TUNISIA	0	0	0	110	27	28	0	0	0	0	0	0	90	3	0
ZAMBIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ZIMBABWE	0	0	0	46	0	0	42	85	0	167	0	0	2757	1515	19
OTHER	0	0	0	116	239	86	+	1	0	0	0	0	0	1	+
AFRICA	510	218	0	14067	7954	3392	838	599	1246	712	74	46	35604	21684	7747
GRAND TOTAL	8833	10629	3841	144418	199996	88466	98036	125807	58086	55972	37824	15866	429564	416512	132375

SOURCE: U.S. Census Bureau Report EM546.

The commodity numbers are:

A. 309.0110, .2210, 310.0006 & .0026.

B. 310.0008, .0009, .0010, .0014, .0029, .0034, .0040 & .0044.

C. 309.0120, .0140, .0170, .2220, .2270, 310.0027 & .0032.

D. 309.4219 & .4222.

E. 309.3220, .3240, .3250, .3255, .4240, .4242, .4245, .4246 & .4247.

TABLE 7:
U.S. EXPORTS OF MAN-MADE FIBERS

ITEM	COMMODITY NUMBER AS OF 1/1/78	THOUSAND POUNDS					THOUSAND DOLLARS				
		1982	1983	1984	1985	6 MOS. 1986	1982	1983	1984	1985	6 MOS. 1986
CELLULOSIC FIBERS											
FILAMENT YARN [a]											
TEXTURED	310.0008	402	239	129	101	37	655	502	337	298	104
OTHER [b]	310.0026	21618	15496	8614	10412	3738	24490	16908	10051	13859	4922
MONOFILAMENTS	309.0110	15	43	12	79	52	90	135	66	178	331
STRIPS	309.2210	105	40	79	37	14	96	56	85	44	16
SUBTOTAL ABOVE		**22140**	**15818**	**8834**	**10629**	**3841**	**25331**	**17601**	**10539**	**14379**	**5373**
STAPLE+TOW-RAYON	309.4222	63371	40118	53882	35975	14932	41063	27427	37688	25546	10390
STAPLE-ACETATE	309.4219	3642	3093	2090	1849	934	3277	2677	2337	2535	1248
SUBTOTAL ABOVE		**67013**	**43211**	**55972**	**37824**	**15866**	**44340**	**30104**	**40025**	**28081**	**11638**
WASTE, ADVANCED&NOT ADVANCED	309.7400	3193	1363	1632	1207	1058	1397	527	1062	801	979
NONCELLULOSIC FIBERS											
YARN - SINGLES											
NYLON - TEXTURED	310.0008 & .0009	39429	40008	32268	26894	11672	62179	58366	50916	39982	20491
- HIGH TENACITY [c]	310.0027	48396	55606	66732	69386	35353	57259	65096	62515	72294	41752
- OTHER	310.0029	11789	15580	13155	9357	5293	23987	33591	28217	19373	11316
POLYESTER - TEXTURED	310.0010	182935	64040	79753	135997	51173	227816	80399	93889	140792	50827
- HIGH TENACITY [c]	310.0032	13752	12237	9156	32137	13063	17848	15553	11064	29618	14584
- OTHER [d]	310.0034	10179	3713	5968	8934	1634	10221	6518	8371	9270	1595
OTHER - TEXTURED	310.0014	15652	12631	7673	10495	14384	19147	16139	12040	14470	15319
- OLEFIN	310.0040	1124	806	340	555	1353	1643	1259	485	766	1329
- OTHER	310.0044	3891	3610	5261	7766	2957	19335	20983	26909	32505	18997
MONOFILAMENTS, ALL DENIERS											
NYLON	309.0120	4424	2350	2848	2364	2506	14193	10009	10435	9221	6340
POLYESTER [e]	309.0140	4242	2925	3794	5759	3062	8662	7292	10141	14128	6225
OTHER	309.0170	8185	9930	11047	11955	2353	28295	19101	22912	17491	10427
STRIPS	309.2220 & .2270	2366	3242	4460	4204	1749	4642	5402	11398	13903	6367
SUBTOTAL ABOVE		**346364**	**226678**	**242455**	**325803**	**146552**	**495225**	**339708**	**349292**	**413813**	**205569**
STAPLE - NYLON	309.4240	15374	13518	14904	11100	7089	19751	17857	21685	13854	8946
- POLYESTER	309.4242	189584	101255	178903	176697	48485	134073	68307	116843	112222	30716
- ACRYLIC	309.4245	126617	114385	162285	150729	34264	91350	78572	114377	100146	24002
- OLEFIN	309.4246	7616	3698	4368	6974	6605	3663	2746	4088	5754	5822
- OTHER	309.4247	15410	11974	8555	10695	8834	29336	28331	30566	35401	26166
GROUPED FILAMENTS											
NYLON	309.3220	4966	3425	3048	1948	3313	11281	8766	8947	4635	3305
POLYESTER [e]	309.3240	28133	28890	23693	29155	10195	28075	25808	20749	23335	10042
ACRYLIC	309.3250 & .3255	23322	34621	33807	29214	13590	19341	28101	27202	24095	12418
SUBTOTAL ABOVE		**411022**	**311766**	**429563**	**416512**	**132375**	**336870**	**258488**	**344457**	**319442**	**121417**
WASTE, ADVANCED&NOT ADVANCED											
- NYLON	309.7620	11806	11841	12465	5601	3313	7648	6093	6494	3048	1528
- POLYESTER	309.7630	50903	40473	57371	46404	31925	21091	16090	22417	17722	11929
- ACRYLIC	309.7640	1713	2025	4620	4804	3724	610	773	1365	1286	823
- OTHER	309.7660	21654	16942	15203	18836	22492	10206	6583	6385	6818	7242
SUBTOTAL ABOVE		**86076**	**71281**	**89659**	**75645**	**61454**	**39555**	**29539**	**36661**	**28874**	**21522**
TOTAL MAN-MADE ABOVE		935808	670117	828115	867620	361146	942718	675967	782036	805390	366498
TEXTILE GLASS FIBER	309.2700 & .9700	43714	39413	58101	58328	28072	39861	29553	56385	57787	29704
GRAND TOTAL ABOVE		979522	709530	886216	925948	389218	982579	705520	838421	863177	396202

SOURCE: U.S. Census Bureau Report EM546.

a. Includes thrown, singles and plied yarn.

b. Includes an undetermined amount of rayon tire cord and cord fabric.

c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.

d. Includes zero twist yarns.

e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

TABLE 8:
U.S. IMPORTS OF MAN-MADE FIBERS

ITEM	COMMODITY NUMBER AS OF 1/1/76	THOUSAND POUNDS					THOUSAND DOLLARS				
		1982	1983	1984	1985	6 MOS. 1986	1982	1983	1984	1985	6 MOS. 1986
CELLULOSIC FIBERS											
YARN - SINGLES											
TEXTURED	310.0106 & .0206	561	256	1571	190	241	857	290	940	267	296
OTHER	310.0130 & .0230 [a]	6437	7843	8245	12951	7083	10381	12365	12924	19129	12427
MONOFILAMENTS	309.0310 & .0610	2	24	5	19	15	10	36	20	44	48
STRIPS, $1/LB & UNDER	309.2000*	27	570	160	763	586	15	396	88	624	500
SUBTOTAL ABOVE		7027	8693	9981	13923	7925	11263	13087	13972	20064	13271
STAPLE	309.4320 & .4325	11939	12752	15388	11286	7519	8383	8434	10320	6844	5309
GROUPED FILAMENTS	309.3010 & .3310	1469	836	1605	1372	627	2342	1312	2619	1471	803
SUBTOTAL ABOVE		13408	13588	16993	12658	8146	10725	9746	12939	8315	6112
WASTE, ADVANCED&NCT ADVANCED	309.5615 & .7510	395	277	530	479	76	170	164	323	263	46
NONCELLULOSIC FIBERS											
YARN - SINGLES											
TEXTURED - NYLON											
LESS THAN 450	310.0107 & .0207	4744	5123	17966	32352	1487	8157	8610	26141	35244	2975
MORE THAN 450	310.0108 & .0208					12445					13814
- POLYESTER	310.0110 & .0210	510	2182	10806	16642	5917	563	2403	10513	14653	5134
- OTHER	310.0114 & .0214	4340	7659	8939	14723	9499	5580	8986	10536	15732	8953
OTHER - NYLON	310.0149 & .0249	5533	14745	30192	18350	9392	7941	17994	39222	23747	12911
- POLYESTER	310.0150 & .0250	5263	13629	15698	16728	12311	7584	17705	21121	20624	15917
- OTHER	310.0170 & .0270 [b]	1639	2739	2468	2520	2358	4854	6730	4139	4203	3888
MONOFILAMENTS	309.0200 & .0330 [c]	1497	1737	2857	2059	1414	5053	4721	8817	5537	4222
STRIPS, OVER $1/LB	309.2100 & .2500*	306	553	1066	1187	720	2069	3952	5844	5886	2983
SUBTOTAL ABOVE		23832	48367	89992	104561	55543	41801	71101	126333	125626	70797
STAPLE - NYLON	309.4330 & .4350	11503	27648	38281	38544	22471	10488	23588	36579	34292	21418
- POLYESTER	309.4335 & .4360	7257	21502	22890	26800	18126	4791	11912	13272	15841	10092
- ACRYLIC	309.4355	7851	13644	13541	17611	7188	6777	12052	12568	16396	6514
- OLEFIN	309.4370	627	1195	2213	5732	1323	638	911	1630	3879	820
- OTHER	309.4340 & .4380	10853	9078	15412	25516	10407	6744	7010	11326	21283	9018
GROUPED FILAMENTS											
NYLON	309.3030 & .3200	7620	19085	23129	29514	20015	11385	27142	33524	40769	29831
POLYESTER	309.3040 & .3340	56	2035	7104	4980	890	160	2268	6569	4715	996
ACRYLIC	309.3050 & .3350	4436	6642	6929	7518	6837	8313	13631	15116	16548	17015
OTHER	309.3065 & .3365	882	663	1660	3231	1714	1247	742	2371	4313	1873
SUBTOTAL ABOVE		51087	101492	131159	159446	88971	50543	99256	132995	158036	97577
WASTE, NOT ADVANCED											
- NYLON	309.6625	22190	26745	31205	27162	11394	8275	11494	13876	10793	4047
- POLYESTER	309.6630	11187	13004	8042	7149	3200	1944	2503	1325	1143	459
- ACRYLIC	309.6645	932	304	39	283	25	274	76	8	48	16
- OTHER	309.6660	2530	2724	4074	2072	4323	689	1000	2027	607	1371
NOILS & GARNETTED FIBERS	309.6000 & .7000*	55	232	458	155	121	34	82	254	101	96
OTHER WASTE, ADVANCED	309.7525 - .7555	851	3080	6729	3852	2008	471	1219	1912	890	486
SUBTOTAL ABOVE		37745	46089	50547	40673	21071	11687	16374	19402	13582	6475
TOTAL MAN-MADE ABOVE		133494	218506	299202	331740	181732	126189	209726	305924	325886	194278
OTHER MAN-MADE FIBER TOPS, YARN & THREAD											
YARN - PLIED											
TEXTURED - CELLULOSIC	310.1506	2	1	1	3	+	10	4	7	7	5
- NONCELLULOSIC	310.1015 [d] & .1205 [e]	5315	8110	12223	10658	8016	7806	11709	17370	9955	8450
OTHER - CELLULOSIC	310.1030 & .1535 [f]	146	93	173	523	314	240	351	723	937	1034
- NONCELLULOSIC	310.1050 & .1070 [g]	979	2054	2763	4950	2161	1789	3594	4447	6795	5384
SPUN YARN - CELLULOSIC	310.4005 & .4030 [h]	325	1091	1724	1739	1183	756	1975	2224	2100	1761
- OTHER	310.4015 & .4027 [i]	22056	31487	35583	34260	20641	40264	51623	58127	54897	34823
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	3107	2955	7517	8912	6388	9649	10969	16210	15640	11122
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140 [j]	2277	2654	5445	9283	2546	9170	11898	18111	28952	19
SLIVER, TOPS & ROVING	309.9000	2626	4755	4544	1941	1751	2977	5193	4792	2334	2439
TEXTILE GLASS FIBER	309.2800 & .2900 [k]	14100	20020	23083	34690	13870	10114	13878	19203	27850	12888
GRAND TOTAL ABOVE		184427	291726	392258	438699	238602	208964	320922	447138	475353	272203

SOURCE: U.S. Census Bureau Report IM146.
NES - Not elsewhere specified.
+ Means a nominal poundage.
* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.
b. Also includes 310.0530, .0550, .0630 & .0650.
c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.
d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.
e. Also includes 310.1210, .1510 & .1514.
f. Also includes 310.2110.
g. Also includes 310.1550, .1555, .1570, .2030, .2050, .2130, .2150.
h. Also includes 310.5030.
i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051
j. Also includes 310.9300 & .9500.
k. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 9:
U.S. EXPORTS OF MAN-MADE FIBERS

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1986	1985
CELLULOSIC FIBERS															
FILAMENT YARN[a]															
TEXTURED	310.0006	0	3	5	22	3	4	30	+					67	64
OTHER[b]	310.0026	483	499	712	729	742	573	532	435					4705	5891
MONOFILAMENTS	309.0110	18	3	22	8	1	0	12	0					64	73
STRIPS	309.2210	0	0	1	1	12	0	0	0					14	7
SUBTOTAL ABOVE		501	505	740	760	758	577	574	435					4850	6035
STAPLE+TOW-RAYON	309.4222	2262	2482	5331	790	2402	1665	3084	2893					20909	26617
STAPLE-ACETATE	309.4219	175	102	162	223	208	64	77	141					1152	1088
SUBTOTAL ABOVE		2437	2584	5493	1013	2610	1729	3161	3034					22061	27705
WASTE, ADVANCED&NOT ADVANCED	309.7400	58	233	157	303	126	171	95	309					1462	885
NONCELLULOSIC FIBERS															
YARN - SINGLES															
NYLON - TEXTURED	310.0008 & .0009	1373	2025	2135	1843	2066	2230	2097	2397					16166	18175
- HIGH TENACITY[c]	310.0027	5757	6837	5805	5895	5786	5273	7012	6434					48799	45039
- OTHER	310.0029	638	1276	1238	867	425	849	731	753					6777	6114
POLYESTER - TEXTURED	310.0010	7485	8451	9794	5928	15265	4250	4940	2921					59034	88771
- HIGH TENACITY[c]	310.0032	1952	1435	1252	2765	2717	2942	1361	1355					15779	20286
- OTHER[d]	310.0034	735	128	90	189	151	341	60	203					1897	6313
OTHER - TEXTURED	310.0014	6990	916	1023	1116	906	1433	1067	1586					17037	5585
- OLEFIN	310.0040	67	951	84	119	87	45	25	72					1450	362
- OTHER	310.0044	212	600	479	524	742	400	697	394					4048	6047
MONOFILAMENTS, ALL DENIERS															
NYLON	309.0120	376	287	312	533	437	561	332	258					3096	1587
POLYESTER[e]	309.0140	663	503	340	535	589	432	405	453					3920	4200
OTHER	309.0170	283	450	537	418	373	292	249	436					3038	7453
STRIPS	309.2220 & .2270	320	283	194	211	362	379	479	499					2727	2873
SUBTOTAL ABOVE		28851	24142	23283	20943	29906	19427	19455	17761					183768	212805
STAPLE - NYLON	309.4240	1111	1230	1074	1054	1348	1272	858	801					8748	7303
- POLYESTER	309.4242	8164	8395	6714	6651	9885	8676	9271	7998					65754	142328
- ACRYLIC	309.4245	8607	7909	4248	4524	5220	3756	2981	4175					41420	104967
- OLEFIN	309.4246	1844	1327	1269	1105	437	623	1018	1039					8662	4616
- OTHER	309.4247	1124	2228	1796	1208	1324	1154	1351	813					10998	7439
GROUPED FILAMENTS															
NYLON	309.3220	238	350	176	336	1987	226	204	356					3873	1350
POLYESTER[d]	309.3240	1997	2797	1950	1832	280	1339	1281	1135					12611	21792
ACRYLIC	309.3250 & .3255	2090	2775	3435	1893	2280	1117	815	1925					16330	20948
SUBTOTAL ABOVE		25175	27011	20662	18603	22761	18163	17779	18242					168396	310743
WASTE, ADVANCED&NOT ADVANCED															
- NYLON	309.7620	299	806	408	628	785	387	525	1036					4874	2480
- POLYESTER	309.7630	3848	5678	4934	7109	5390	4966	2224	5372					39521	27588
- ACRYLIC	309.7640	569	624	1080	228	399	824	322	363					4409	3135
- OTHER	309.7660	3831	4801	3139	3779	3701	3241	1752	3903					28147	9742
SUBTOTAL ABOVE		8547	11909	9561	11744	10275	9418	4823	10674					76951	42945
TOTAL MAN-MADE ABOVE		65579	66384	59896	53366	66436	49485	45887	50455					457488	601118
TEXTILE GLASS FIBER	309.2700 & .9700	4355	4551	5042	4580	5008	4536	5148	5639					38859	42686
GRAND TOTAL ABOVE		69934	70935	64938	57946	71444	54021	51035	56094					496347	643804

SOURCE: U.S. Census Bureau Report EM522.

a. Includes thrown, singles and plied yarn.
b. Includes an undetermined amount of rayon tire cord and cord fabric.
c. Includes an undetermined amount of noncellulosic tire cord and cord fabric.
d. Includes zero twist yarns.
e. These data are obviously incorrect because of misclassification. Most of these poundages should be included with filament yarn.

TABLE 10:
U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION

THOUSAND POUNDS

ITEM	COMMODITY NUMBER AS OF 1/1/78	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1986	1985
CELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED	310.0106 & .0206	28	30	29	0	123	31	155	44					440	116
OTHER	310.0130 & .0230[a]	1309	1180	1318	1488	628	1160	1037	1188					9308	7461
MONOFILAMENTS	309.0310 & .0610	0	5	6	0	4	0	0	0					15	18
STRIPS, $1/LB & UNDER	309.2000*	38	87	89	126	129	117	41	7					634	506
SUBTOTAL ABOVE		**1375**	**1302**	**1442**	**1614**	**884**	**1308**	**1233**	**1239**					**10397**	**8101**
STAPLE	309.4320 & .4325	1465	1056	1396	1298	1121	1183	1524	1471					10514	7655
GROUPED FILAMENTS	309.3010 & .3310	140	39	130	86	77	155	174	1					802	810
SUBTOTAL ABOVE		**1605**	**1095**	**1526**	**1384**	**1198**	**1338**	**1698**	**1472**					**11316**	**8465**
WASTE, ADVANCED&NOT ADVANCED	**309.6615 & .7510**	**+**	**0**	**+**	**33**	**+**	**43**	**0**	**0**					**76**	**288**
NONCELLULOSIC FIBERS															
YARN - SINGLES															
TEXTURED - NYLON															
LESS THAN 450	310.0107 & .0207	150	195	203	139	548	252	213	296					1996	) 20721
MORE THAN 450	310.0108 & .0208	1809	1217	1092	918	2313	5096	4606	3308					20359	
- POLYESTER	310.0110 & .0210	748	1376	1165	1209	1039	380	1210	788					7915	11398
- OTHER	310.0114 & .0214	1640	2607	1276	1088	1059	1829	1997	1193					12689	8853
OTHER - NYLON	310.0149 & .0249	1236	1498	1935	1321	1650	1752	2274	2395					14061	14351
- POLYESTER	310.0150 & .0250	1898	1331	2390	1911	2512	2269	1885	2572					16768	10737
- OTHER	310.0170 & .0270[b]	483	225	438	400	403	409	395	365					3118	1344
MONOFILAMENTS	309.0200 & .0330[c]	275	256	267	218	196	202	206	145					1765	1422
STRIPS, OVER $1/LB	309.2100 & .2500*	108	127	62	164	142	117	221	120					1061	777
SUBTOTAL ABOVE		**8347**	**8832**	**8828**	**7368**	**9862**	**12306**	**13007**	**11182**					**79732**	**69603**
STAPLE - NYLON	309.4330 & .4350	3716	4331	3835	4107	3294	3188	5098	4420					31989	26505
- POLYESTER	309.4335 & .4360	2725	3058	3474	2831	2760	3278	3206	3099					24431	17546
- ACRYLIC	309.4365	1473	822	887	1202	1542	1262	2407	1416					11011	10564
- OLEFIN	309.4370	623	222	149	28	107	194	205	86					1614	3524
- OTHER	309.4340 & .4380	2666	1949	1613	1881	1478	820	1137	711					12255	16175
GROUPED FILAMENTS															
NYLON	309.3030 & .3200	3381	3504	3164	3153	3258	3555	3174	3266					26455	19834
POLYESTER	309.3040 & .3340	147	150	204	84	197	108	223	165					1278	3378
ACRYLIC	309.3050 & .3350	972	670	1616	1048	1138	1393	1023	1359					9219	5187
OTHER	309.3065 & .3365	341	203	141	285	364	380	102	154					1970	1404
SUBTOTAL ABOVE		**16044**	**14909**	**15083**	**14619**	**14138**	**14178**	**16575**	**14676**					**120222**	**104117**
WASTE, NOT ADVANCED															
- NYLON	309.6625	1605	2239	2315	1439	1492	2304	2034	1274					14702	20432
- POLYESTER	309.6630	560	403	465	827	511	434	733	402					4335	5341
- ACRYLIC	309.6645	0	0	6	0	19	0	188	36					249	141
- OTHER	309.6660	892	813	256	748	922	692	738	489					5550	1197
NOILS & GARNETTED FIBERS	309.6000 & .7000*	+	59	0	0	62	0	0	0					121	124
OTHER WASTE, ADVANCED	309.7525 - .7555	324	357	372	456	253	246	261	128					2397	2311
SUBTOTAL ABOVE		**3381**	**3871**	**3414**	**3470**	**3259**	**3676**	**3954**	**2329**					**27354**	**29546**
TOTAL MAN-MADE ABOVE		30752	30009	30293	28488	29341	32849	36467	30898					249097	220120
OTHER MAN-MADE FIBER TOPS, YARN & THREAD															
YARN - PLIED															
TEXTURED - CELLULOSIC	310.1506	0	0	+	0	+	+	0	1					1	1
- NONCELLULOSIC	310.1015[d]& .1205[e]	1743	1666	1034	1666	1137	770	519	372					8907	5833
OTHER - CELLULOSIC	310.1030 & .1535[f]	83	108	41	13	20	49	56	12					382	331
- NONCELLULOSIC	310.1050 & .1070[g]	496	261	113	248	321	722	385	505					3051	3696
SPUN YARN - CELLULOSIC	310.4005 & .4030[h]	227	105	155	182	232	282	361	221					1765	1076
- OTHER	310.4015 & .4027[i]	2619	3160	3542	3597	3591	4132	5686	4284					30611	22913
OTHER YARNS - NES, INCL. CHENILLE	310.6029 - .8000	225	385	830	1278	1957	1713	2388	2165					10941	5623
HANDWORK YARNS & SEWING THREAD	310.9000 - .9140[j]	284	491	478	387	411	495	369	369					3284	5532
SLIVER, TOPS & ROVING	309.9000	282	239	493	226	240	271	255	306					2312	1572
TEXTILE GLASS FIBER	309.2800 & .2900[k]	2142	3090	2643	2221	1883	1891	2025	1328					17223	22200
GRAND TOTAL ABOVE		38853	39514	39622	38306	39133	43174	48511	40461					327574	288897

SOURCE: U.S. Census Bureau Report IM145X.
NES - Not elsewhere specified.
\+ Means a nominal poundage.
* These items are not reported by the Census as cellulosic vs. noncellulosic. Any separation between cellulosic and noncellulosic is estimated, based mainly on average declared value.

a. Also includes 310.0510 & .0610.
b. Also includes 310.0530, .0550, .0630 & .0650.
c. Also includes 309.0340, .0365, .0500, .0630, .0640 & .0665.
d. There may be some acetate yarn in these data, but the Census figures do not permit a segregation.
e. Also includes 310.1210, .1510 & .1514.
f. Also includes 310.2110.
g. Also includes 310.1550, .1555, .1570, .2030, .2050, .2130, .2150.
h. Also includes 310.5030.
i. Also includes 310.4046, .4047, .4050, .5015, .5046, .5047, .5049 & .5051.
j. Also includes 310.9300 & .9500.
k. Chiefly roving. Also includes 309.9800 & .9900.

TABLE 11:
SELECTED U.S. MAN-MADE FIBER IMPORTS FOR CONSUMPTION BY COUNTRY OF ORIGIN
THOUSAND POUNDS

ITEMS & COUNTRY	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1986	1985
CELLULOSIC YARN, MONOFIL & STRIPS														
BRAZIL	82	56	0	53	0	0	0	0					191	365
CANADA	200	420	226	302	698	431	465	443					3185	1462
GERMANY, FED. REP. OF	482	284	783	594	22	494	489	402					3550	3571
JAPAN	95	41	50	25	35	26	32	0					304	397
MEXICO	81	114	0	62	0	0	63	40					360	697
NETHERLANDS	195	181	167	233	34	179	124	268					1381	856
REP. OF KOREA	80	60	80	80	0	60	20	20					400	241
ALL OTHER COUNTRIES [a]	160	146	136	265	95	118	40	66					1026	512
TOTAL CELLULOSIC YARN	1375	1302	1442	1614	884	1308	1233	1239					10397	8101
CELLULOSIC STAPLE+TOW														
AUSTRIA	259	0	217	126	138	150	102	49					1041	362
CANADA	777	981	724	948	764	620	1221	1333					7368	4530
JAPAN	143	75	128	108	108	89	63	45					759	428
MEXICO	310	0	109	123	41	142	82	0					807	0
UNITED KINGDOM	105	39	80	69	42	40	114	4					493	968
ALL OTHER COUNTRIES [b]	11	0	268	10	105	297	116	41					848	2177
TOTAL CELLULOSIC STAPLE+TOW	1605	1095	1526	1384	1198	1338	1698	1472					11316	8465
NONCELLULOSIC YARN, MONOFIL & STRIPS														
AUSTRALIA	0	16	31	2	8	18	7	17					99	115
AUSTRIA	113	7	115	4	150	47	135	48					619	579
BELGIUM	1152	1901	531	297	449	1550	1024	1087					7991	4797
BRAZIL	1	56	0	0	6	0	0	0					63	214
CANADA	1282	338	857	1384	1239	1598	1793	1388					9879	10505
COSTA RICA	480	430	349	608	736	647	468	751					4469	83
FRANCE	405	689	679	249	493	456	889	787					4647	3253
GERMANY, FED. REP. OF	1195	1199	1397	774	1915	4022	2735	1900					15137	12424
ISRAEL	413	277	316	226	179	239	487	264					2401	1570
ITALY	790	529	1158	895	1083	1331	1598	880					8264	9143
JAPAN	646	553	1019	693	895	758	807	719					6090	4718
MEXICO	128	917	1223	931	928	431	1366	1794					7718	5688
NETHERLANDS	74	213	29	6	255	249	47	165					1038	551
SOUTH AFRICA	853	866	532	631	565	143	322	186					4098	7416
SWITZERLAND	74	74	1	2	224	59	1	2					437	301
TAIWAN	36	39	47	144	111	32	205	131					745	158
UNITED KINGDOM	573	510	352	307	454	581	754	866					4397	4699
YUGOSLAVIA	85	0	0	0	0	0	0	0					85	2392
ALL OTHER COUNTRIES [c]	47	218	192	215	172	145	369	197					1555	997
TOTAL NONCELLULOSIC YARN	8347	8832	8828	7368	9862	12306	13007	11182					79732	69603
NONCELLULOSIC STAPLE+TOW														
BELGIUM	25	18	57	39	85	41	18	21					304	404
BRAZIL	35	60	22	0	0	161	179	86					543	3153
CANADA	2650	1831	1430	1882	1977	1812	1464	1651					14697	16892
COSTA RICA	31	44	0	0	0	0	0	0					75	1817
FRANCE	996	984	984	761	888	782	819	699					6913	6762
GERMANY, FED. REP. OF	3105	2727	2552	2994	3005	2524	2194	2490					21591	17508
ISRAEL	42	81	48	80	28	44	25	0					348	767
ITALY	1237	1748	1504	1525	721	1345	2619	2572					13271	10649
JAPAN	1919	1523	2265	1431	1515	2286	2381	2092					15412	14905
MEXICO	1025	1105	1011	1249	1599	832	1973	1458					10252	5244
NETHERLANDS	20	0	+	43	0	0	29	101					193	305
REP. OF KOREA	492	355	551	88	343	650	431	490					3400	2783
ROMANIA	210	88	158	0	438	0	456	119					1469	595
SOUTH AFRICA	80	88	0	25	53	53	49	0					348	341
SWITZERLAND	137	0	23	48	88	96	84	75					551	341
TAIWAN	2105	1587	2111	1961	1272	1380	2039	1532					13987	11470
UNITED KINGDOM	1819	2340	2151	2271	1800	2008	1659	1105					15153	9272
ALL OTHER COUNTRIES [d]	116	330	216	222	326	164	156	185					1715	909
TOTAL NONCELLULOSIC STAPLE+TOW	16044	14909	15083	14619	14138	14178	16575	14676					120222	104117

+ Means a nominal poundage.
Other countries supplying 1986 poundages are:

a. Australia 18, Austria 30, Belgium 238, China, PRC 2, France 48, Ireland 355, Israel 45, Italy 9, Taiwan 62, Thailand 17, United Kingdom 108, Yugoslavia 94.

b. France 10, Germany, Federal Rep. of 94, Hong Kong 6, Italy 248, Sweden 445, Taiwan 45.

c. Argentina 27, Chile 88, Colombia 73, Denmark 122, Dominican Rep. +, Egypt +, Greece 1, Hong Kong +, Hungary 48, India +, Ireland 212, Korea, Rep. of 200, Norway 2, Philippines +, Romania 386, Singapore 82, Somalia 95, Spain 1, Sweden 167, Turkey 51.

d. Australia 235, Austria 208, China, PRC 117, Denmark 103, Finland 18, Greece 12, Haiti 14, Hong Kong 27, Ireland 218, Kenya 31, Malaysia 96, Philippines 1, Spain 25, Sweden 148, Thailand 138, Turkey 84, Yugoslavia 240.

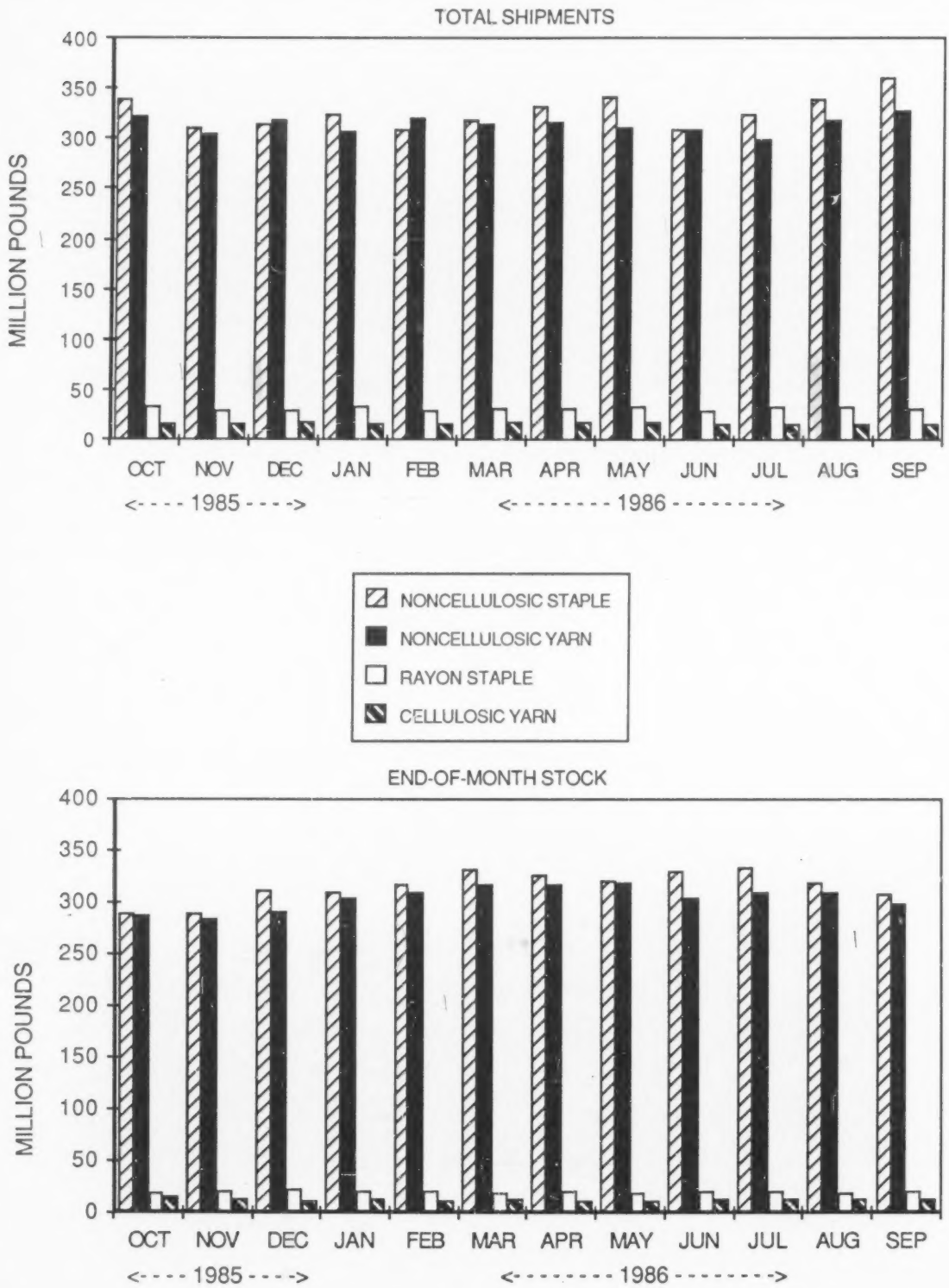
TABLE 12:
SELECTED U.S. MONTHLY TEXTILE FIBER DATA

MILLION POUNDS

ITEM	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE[a] 1986	1985
						TOTAL SHIPMENTS[b]								
MAN-MADE FIBER DATA[c]														
YARN+MONOFILAMENTS[d]														
CELLULOSIC YARN	**17.8**	**17.2**	**18.3**	**19.4**	**18.9**	**17.2**	**17.7**	**17.3**	**17.6**				**161.4**	**156.9**
NYLON[e]- INDUSTRIAL[f]	26.3	29.5	28.8	29.1	27.6	26.7	23.3	27.3	25.7				244.3	262.6
- CARPET	69.6	71.1	71.1	75.7	71.2	74.8	76.8	78.6	83.9				672.8	609.6
- TEXTILE[k]	30.9	31.1	31.7	32.1	30.6	29.1	29.0	28.0	30.5				273.0	265.2
POLYESTER - INDUSTRIAL[f]	28.2	25.6	27.9	26.7	24.4	24.6	24.6	24.7	25.5				232.2	218.4
- TEXTILE[k]	77.1	78.0	69.8	68.3	72.0	60.7	68.5	71.5	72.3				638.8	769.8
OLEFIN[h]	75.1	84.2	84.4	83.9	85.0	92.4	76.9	88.9	90.2				761.0	714.6
TOTAL NONCELLULOSIC ABOVE[i]	307.2	319.5	313.7	315.8	311.4	308.3	299.1	319.0	328.1				2822.1	2840.2
STAPLE +TOW+FIBERFILL[j]														
RAYON	**34.9**	**30.0**	**33.0**	**32.7**	**34.9**	**31.3**	**34.2**	**34.9**	**33.3**				**299.2**	**264.7**
NYLON[e]	70.7	64.1	64.3	67.1	71.9	67.1	79.3	86.6	91.4				662.5	618.0
ACRYLIC+MODACRYLIC	50.2	47.8	52.2	55.7	55.4	51.8	50.0	50.7	56.7				470.5	491.7
POLYESTER	179.9	171.2	173.7	180.8	183.9	160.2	166.2	174.0	186.7				1576.6	1522.2
OLEFIN+VINYON	24.0	25.4	28.7	28.2	29.3	29.9	27.8	27.3	26.3				246.9	216.1
TOTAL NONCELLULOSIC ABOVE	324.8	308.5	318.9	331.8	340.5	309.0	323.3	338.6	361.1				2956.5	2848.0
						END-OF-MONTH STOCK								
YARN+MONOFILAMENTS														
CELLULOSIC YARN	**13.3**	**12.2**	**13.3**	**12.1**	**12.2**	**12.5**	**13.3**	**13.3**	**14.0**				**14.0**	**16.6**
NYLON[e]- INDUSTRIAL[f]	23.8	25.6	24.1	26.1	27.2	25.4	30.3	33.6	30.5				30.5	29.5
- CARPET	55.4	51.8	56.2	52.5	59.0	56.8	55.4	55.8	52.9				52.9	45.2
- TEXTILE[k]	49.0	46.1	46.2	44.7	45.8	43.9	44.6	40.1	38.2				38.2	46.4
POLYESTER - INDUSTRIAL[f]	25.1	26.1	26.9	27.2	28.9	31.5	32.0	32.9	34.5				34.5	28.5
- TEXTILE[k]	84.7	90.3	96.6	96.5	91.9	86.2	82.8	83.9	80.7				80.7	85.7
OLEFIN[h]	66.7	69.4	67.1	69.5	66.4	61.5	64.7	63.4	61.3				61.3	64.1
TOTAL NONCELLULOSIC ABOVE	304.7	309.3	317.1	316.5	319.2	305.3	309.8	309.7	298.1				298.1	299.4
STAPLE+TOW+FIBERFILL														
RAYON	**20.7**	**21.1**	**19.7**	**20.1**	**18.4**	**20.5**	**20.5**	**19.5**	**21.5**				**21.5**	**22.4**
NYLON[e]	63.0	70.4	84.1	89.1	88.0	85.4	78.7	68.4	64.2				64.2	68.6
ACRYLIC+MODACRYLIC	66.1	66.3	63.2	56.8	53.4	51.4	54.9	56.9	52.9				52.9	59.3
POLYESTER	147.9	147.3	151.0	148.6	150.4	164.8	170.8	162.4	159.0				159.0	153.1
OLEFIN+VINYON	33.3	33.7	34.0	31.7	29.7	28.9	30.4	30.6	32.4				32.4	24.0
TOTAL NONCELLULOSIC ABOVE[i]	310.3	317.7	332.3	326.2	321.5	330.5	334.8	318.3	308.5				308.5	305.0
WOOL & COTTON CONSUMPTION														
APPAREL CLASS WOOL	12.6	13.2	13.1	13.2	13.3	14.7	11.5	13.7					105.3	81.4
CARPET CLASS WOOL	1.0	0.8	0.9	0.8	0.7	0.7	0.7	1.1					6.7	8.5
TOTAL RAW WOOL	13.6	14.0	14.0	14.0	14.0	15.4	12.2	14.8					112.0	89.9
RAW COTTON	269.5	263.3	265.0	265.2	265.6	280.0	222.9	282.0					2113.5	1764.9

a. Year-to-date totals for stock, which is the latest month's data.
b. The monthly production of each fiber may be calculated as total shipments plus a stock increase, or less a stock decrease, over the month.
c. Producers' total domestic plus export shipments.
d. Rayon yarn data are available annually only; see page 53 of the March 1986 issue.
e. Data for nylon exclude aramid.
f. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
g. Low denier Industrial is defined as finer than 500 denier with an Instron tenacity over 5.5 grams per denier.
h. Olefin yarn+monofilaments also includes spunbonded polypropylene and film fiber produced for textile end uses.
i. Saran and spandex data are not included in these totals. See page 53 of the March 1986 issue for annual data on these yarns.
j. Acetate staple+tow data are available annually only; see page 53 of the March 1986 issue.
k. Low denier industrial Nylon and Polyester is now included with Textile.

GRAPH 7:
SELECTED U.S. MONTHLY TEXTILE FIBER DATA



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MAN-MADE

FIBER REVIEW

A Monthly Summary of Fiber Production Information Vol. 5, No. 7 July 1986

-SAMPLE-

HIGHLIGHTS

In June, production of noncellulosic fibers (except aramid, saran and spandex) totaled 609.6 million pounds, 6.2% below the 649.9 million pounds produced in May. Filament yarn production fell 7.2% to 291.6 million pounds and staple+tow fell 5.3% to 318.0 million pounds.

Shipments of noncellulosic fibers (except aramid, saran and spandex) fell in June to 611.8 million pounds, down 6.1% from the 651.9 million pounds shipped in May. Deliveries of filament yarn fell 2.8% to 302.8 million pounds and shipments of staple+tow fell 9.3% to 309.0 million pounds.

June producer exports of polyester staple+tow fell 8.1% to 9.0 million pounds and exports of acrylic+modacrylic staple+tow rose to 5.6 million pounds, up 5.7%. For June 1986, producer exports of polyester staple+tow were 58.9% below the 21.9 million pounds exported in June 1985.

June shipments of noncellulosic fibers to the carpet trades fell to 145.9 million pounds, down 2.2% from the 149.2 million pounds shipped in May. Nylon staple+tow fell by 6.1%, nylon yarn rose by 4.8% and polyester staple+tow fell by 20.6%.

As of the end of June, stocks of noncellulosic fibers fell to 638.5 million pounds, down 0.3% from 640.7 million pounds in May. Stocks of staple+tow rose 9.0% and stocks of filament yarn fell 3.5%

MAN-MADE FIBER PRODUCTION DATA

MILLION POUNDS & *PERCENT*

ITEM	1986 JUN	1986 MAY	%[a]	1985 JUN	%[b]	YEAR TO DATE 1986	YEAR TO DATE 1985	%[c]
YARN+MONOFILAMENTS								
CELLULOSIC YARN	17.5	19.0	*-7.9*	16.6	*+5.4*	109.0	107.3	*+1.6*
NYLON[d] INDUSTRIAL	24.9	28.7	*-13.2*	26.4	*-5.7*	167.9	179.0	*-6.2*
- CARPET	72.6	77.7	*-6.6*	70.9	*+2.4*	443.9	370.2	*+19.9*
- TEXTILE[e]	27.3	31.7	*-13.9*	26.8	*+1.9*	181.7	181.9	*-0.1*
POLYESTER - INDUSTRIAL	26.7	26.1	*+2.3*	24.6	*+8.5*	164.2	156.7	*+4.8*
- LOW DENIER INDUSTRIAL	1.9	2.0	*-5.0*	1.0	*+90.0*	13.3	10.6	*+25.5*
- TEXTILE	53.1	66.0	*-19.5*	87.2	*-39.1*	415.7	489.7	*-15.1*
OLEFIN	85.1	81.9	*+3.9*	89.5	*-4.9*	499.2	482.7	*+3.4*
TOTAL NONCELLULOSIC ABOVE	291.6	314.1	*-7.2*	326.4	*-10.7*	1885.9	1870.8	*+0.8*
STAPLE +TOW+FIBERFILL								
RAYON	33.4	33.2	*+0.6*	28.2	*+18.4*	194.8	171.4	*+13.6*
NYLON[d]	64.5	70.8	*-8.9*	65.6	*-1.7*	427.9	392.4	*+9.0*
ACRYLIC+MODACRYLIC	49.8	52.0	*-4.2*	47.3	*+5.3*	300.1	321.5	*-6.7*
POLYESTER	174.6	185.7	*-6.0*	150.2	*+16.2*	1059.5	1032.9	*+2.6*
OLEFIN+VINYON	29.1	27.3	*+6.6*	22.0	*+32.3*	164.7	141.8	*+16.1*
TOTAL NONCELLULOSIC ABOVE	318.0	335.8	*-5.3*	285.1	*+11.5*	1952.2	1888.6	*+3.4*

--- Means no change.

a. Percent change from previous month to current month.

b. Percent change to current month from same month last year.

c. Percent change from cumulative total last year to cumulative total this year.

d. Nylon excludes Aramid.

e. Low denier industrial Nylon is included with Textile.

A publication of the
Textile Economics Bureau, Inc.
101 Eisenhower Parkway ☐ First Floor
Roseland, New Jersey 07068
Telephone (201) 228-1107

ISSN 8755-3309
Subscription: $250.00 per year U.S.A.
$280.00 per year Foreign
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MILLION POUNDS

CELLULOSIC YARN & STAPLE+TOW PRODUCTION, SHIPMENTS & STOCK

MONTHLY
1986

ITEM	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1986	1985
	YARN+MONOFILAMENTS													
CELLULOSIC YARN														
PRODUCTION	18.5	16.4	19.4	18.2	19.0	17.5							109.0	107.3
SHIPMENTS - DOMESTIC	16.4	15.7	16.5	17.7	17.0	15.7							99.0	92.4
- EXPORT	1.4	1.5	1.8	1.7	1.9	1.5							9.8	13.3
- TOTAL	17.8	17.2	18.3	19.4	18.9	17.2							108.8	105.7
ENDING STOCK	13.0	12.2	13.3	12.1	12.2	12.5							12.5	19.4
INCLUDES ACETATE AND RAYON YARN+MONOFILAMENT.														
	STAPLE+TOW													
RAYON														
PRODUCTION	33.1	30.4	31.6	33.1	33.2	33.4							194.8	171.4
SHIPMENTS - DOMESTIC	33.6	28.9	29.1	30.9	32.4	28.7							183.6	150.4
- EXPORT	1.3	1.1	3.9	1.8	2.5	2.6							13.2	21.4
- TOTAL	34.9	30.0	33.0	32.7	34.9	31.3							196.8	171.8
ENDING STOCK	20.7	21.1	19.7	20.1	18.4	20.5							20.5	28.1
ACETATE STAPLE+TOW DATA ARE AVAILABLE ANNUALLY ONLY.														

ESTIMATED U.S. MILL CONSUMPTION

MILLION POUNDS

ITEM	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1986	1985
CELLULOSIC														
YARN	18	17	18	19	18								90	81
STAPLE	36	31	32	33	35								167	138
TOTAL CELLULOSIC	54	48	50	52	53								257	219
NONCELLULOSIC														
YARN	300	311	306	303	304								1524	1501
STAPLE	331	324	332	346	353								1686	1562
TOTAL NONCELLULOSIC	631	635	638	649	657								3210	3063
TOTAL MAN-MADE FIBERS[a]	685	683	688	701	710								3467	3282
COTTON	270	263	264	266										
WOOL	14	14	14	14										
TOTAL FIBER	969	960	966	981										
% OF MILL CONSUMPTION														
MAN-MADE FIBERS	*71*	*71*	*71*	*71*										
COTTON	*28*	*27*	*27*	*27*										
WOOL	*1*	*2*	*2*	*2*										

a. Excludes textile glass fiber, acetate cigarette tow and aramid.

MILLION POUNDS

NONCELLULOSIC STAPLE+TOW+FIBERFILL PRODUCTION, SHIPMENTS & STOCK

MONTHLY 1986

ITEM	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1986	1985
NYLON														
PRODUCTION - TOTAL	**71.0**	**71.5**	**78.0**	**72.1**	**70.8**	**64.5**							**427.9**	**392.4**
DOMESTIC SHIPMENTS BY DENIER														
LESS THAN 10	8.2	8.1	8.1	7.3	7.6	7.1							46.4	49.7
10, LESS THAN 15	3.1	3.1	2.2	3.5	2.5	2.3							16.7	13.1
15, LESS THAN 20	53.2	46.5	48.5	50.4	55.6	52.8							307.0	301.1
20 & COARSER	5.0	4.8	4.4	5.0	5.1	4.0							28.3	31.6
TOTAL DOMESTIC SHIPMENTS	69.5	62.5	63.2	66.2	70.8	66.2							398.4	395.5
DOMESTIC SHIPMENTS *ALSO* DIVIDED AS -														
CARPET	64.0	57.4	58.7	61.5	65.5	61.6							368.7	366.5
OTHER	5.5	5.1	4.5	4.7	5.3	4.6							29.7	29.0
EXPORT	1.2	1.6	1.1	0.9	1.1	0.9							6.8	6.4
TOTAL SHIPMENTS	**70.7**	**64.1**	**64.3**	**67.1**	**71.9**	**67.1**							**405.2**	**401.9**
ENDING STOCK	63.0	70.4	84.1	89.1	88.0	85.4							85.4	69.1
ACRYLIC+MODACRYLIC														
PRODUCTION - TOTAL	**51.9**	**48.0**	**49.1**	**49.3**	**52.0**	**49.8**							**300.1**	**321.5**
DOMESTIC SHIPMENTS BY DENIER														
LESS THAN 4	28.7	29.5	34.4	36.6	38.9	35.5							203.6	171.4
4, LESS THAN 10 AND 10 & COARSER	10.5	10.1	9.9	10.8	11.2	10.7							63.2	53.6
TOTAL DOMESTIC SHIPMENTS	39.2	39.6	44.3	47.4	50.1	46.2							266.8	225.0
EXPORT	11.0	8.2	7.9	8.3	5.3	5.6							46.3	101.4
TOTAL SHIPMENTS	**50.2**	**47.8**	**52.2**	**55.7**	**55.4**	**51.8**							**313.1**	**326.4**
ENDING STOCK	66.1	66.3	63.2	56.8	53.4	51.4							51.4	72.5
POLYESTER														
PRODUCTION - TOTAL	**172.8**	**170.6**	**177.4**	**178.4**	**185.7**	**174.6**							**1059.5**	**1032.9**
DOMESTIC SHIPMENTS BY DENIER														
FIBERFILL	23.5	24.0	24.1	24.2	22.7	22.2							140.7	137.6
LESS THAN 1.3	39.0	37.4	39.2	42.2	44.8	38.9							241.5	148.2
1.3, LESS THAN 2.5	75.0	73.5	72.8	76.8	73.3	61.2							432.6	450.5
2.5, LESS THAN 5.5	9.9	11.0	10.7	10.9	11.1	10.2							63.8	68.0
5.5, LESS THAN 10	6.2	6.5	6.5	5.4	6.3	6.2							37.1	36.1
10 & COARSER	14.3	13.2	12.3	15.1	15.9	12.5							83.3	76.1
TOTAL DOMESTIC SHIPMENTS	167.9	165.6	165.6	174.6	174.1	151.2							999.0	916.5
DOMESTIC SHIPMENTS *ALSO* DIVIDED AS -														
CARPET	11.1	10.9	9.3	12.2	13.6	10.8							67.9	64.6
OTHER	156.8	154.7	156.3	162.4	160.5	140.4							931.1	851.9
EXPORT	12.0	5.6	8.1	6.2	9.8	9.0							50.7	114.2
TOTAL SHIPMENTS	**179.9**	**171.2**	**173.7**	**180.8**	**183.9**	**160.2**							**1049.7**	**1030.7**
ENDING STOCK	147.9	147.3	151.0	148.6	150.4	164.8							164.8	175.7
OLEFIN & VINYON														
PRODUCTION	**27.6**	**25.8**	**29.0**	**25.9**	**27.3**	**29.1**							**164.7**	**141.8**
SHIPMENTS	**24.0**	**25.4**	**28.7**	**28.2**	**29.3**	**29.9**							**165.5**	**142.1**
ENDING STOCK	33.3	33.7	34.0	31.7	29.7	28.9							28.9	22.9
TOTAL ABOVE														
PRODUCTION	**323.3**	**315.9**	**333.5**	**325.7**	**335.8**	**318.0**							**1952.2**	**1888.6**
SHIPMENTS	**324.8**	**308.5**	**318.9**	**331.8**	**340.5**	**309.0**							**1933.5**	**1901.1**
ENDING STOCK	310.3	317.7	332.3	326.2	321.5	330.5							330.5	340.2

*. Means revisions in the previous month.
a. Industrial is defined as 500 denier and coarser with an Instron tenacity of 7 grams or more per denier.
b. Low denier industrial is finer than 500 denier with an Instron tenacity over 5.5 grams per denier.
c. Does not include saran or spandex.
d. Low denier industrial nylon is now included with Textile.

MILLION POUNDS

NONCELLULOSIC YARN+MONOFILAMENTS PRODUCTION, SHIPMENTS & STOCK

MONTHLY
1986

ITEM	1986 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR TO DATE 1986	1985
NYLON														
INDUSTRIAL [a]														
DOMESTIC SHIPMENTS - TIRES	12.5	13.2	13.2	11.6	11.6	11.8							73.9	84.2
- OTHER	8.6	9.0	9.0	9.0	9.0	8.6							53.2	48.7
EXPORT	5.2	7.3	6.6	8.5	7.0	6.3							40.9	43.6
ENDING STOCK	23.8	25.6	24.1	26.1	27.2	25.4							25.4	29.9
CARPET														
DOMESTIC SHIPMENTS	67.9	69.4	69.7	74.2	70.1	73.5							424.8	371.4
EXPORT	1.7	1.7	1.4	1.5	1.1	1.3							8.7	8.9
ENDING STOCK	55.4	51.8	56.2	52.5	59.0	56.8							56.8	52.9
TEXTILE [d]														
DOMESTIC SHIPMENTS														
TEXTURED YARN	9.2	10.4	10.1	11.1	10.3	9.9							61.0	57.1
FLAT YARN	20.8	19.7	20.7	20.0	19.7	18.4							119.3	115.3
TOTAL TEXTILE DOMESTIC	30.0	30.1	30.8	31.1	30.0	28.3							180.3	172.4
EXPORT	0.9	1.0	0.9	1.0	0.6	0.9							5.3	6.0
ENDING STOCK	49.0	46.1	46.2	44.7	45.8	43.9							43.9	53.8
TOTAL NYLON ABOVE														
PRODUCTION	**135.3**	**127.0**	**134.6**	**133.7**	**138.1**	**124.8**							**793.5**	**731.1**
DOMESTIC SHIPMENTS	119.0	121.7	122.7	125.9	120.7	122.2							732.2	676.7
EXPORT	7.8	10.0	8.9	11.0	8.7	8.5							54.9	58.5
TOTAL SHIPMENTS	**126.8**	**131.7**	**131.6**	**136.9**	**129.4**	**130.7**							**787.1**	**735.2**
ENDING STOCK	**128.2**	**123.5**	**126.5**	**123.3**	**132.0**	**126.1**							**126.1**	**136.6**
POLYESTER														
INDUSTRIAL [a]														
DOMESTIC SHIPMENTS - TIRES	13.7	13.0	12.7	13.4	11.4	11.8							76.0	84.2
- OTHER	12.2	10.8	12.7	10.4	10.4	9.9							66.4	56.8
EXPORT	2.3	1.8	2.5	2.9	2.6	2.4							14.5	8.6
ENDING STOCK	25.1	26.1	26.9	27.2	28.9	31.5							31.5	29.2
LOW DENIER INDUSTRIAL [b]														
DOMESTIC SHIPMENTS	1.9	2.3	2.4	2.0	2.2	1.9							12.7	10.5
EXPORT	+	0	+	+	+	0.1							0.1	0.1
ENDING STOCK	3.3	3.3	3.5	3.6	3.4	3.3							3.3	2.8
TEXTILE														
DOMESTIC SHIPMENTS BY DENIER														
40+50 (55 & FINER)	2.6	2.0	2.3	2.7	3.2	2.5							15.3	12.4
70 (56-89)	11.3	10.5	8.3	11.0	11.8	8.8							61.7	56.2
100 (90-109)	5.1	8.8	8.1	3.5	2.7	3.8							32.0	54.1
120 (110-129) & 135 (130-144)	1.1	0.3	0.1	0.3	0.4	1.3							3.5	4.0
150 (145-179)	43.2	43.9	38.4	38.4	40.7	35.3							239.9	295.2
200 (180 & COARSER)	6.7	5.0	5.4	4.5	5.6	3.1							30.3	28.3
TOTAL TEXTILE DOMESTIC	70.0	70.5	62.6	60.4	64.4	54.8							382.7	450.2
DOMESTIC SHIPMENTS *ALSO* DIVIDED AS -														
TEXTURED YARN	58.2	59.5	51.2	48.3	52.0	43.7							312.9	385.5
FLAT YARN	11.8	11.0	11.4	12.1	12.4	11.1							69.8	64.7
EXPORT	5.2	5.2	4.8	5.9	6.0	3.9							31.0	39.6
ENDING STOCK	81.4	87.0	93.1	92.9	88.5	82.9							82.9	74.5
TOTAL POLYESTER ABOVE														
PRODUCTION	**107.2**	**110.2**	**104.8**	**95.2**	**94.1**	**81.7**							**593.2**	**657.0**
DOMESTIC SHIPMENTS	97.8	96.6	90.4	86.2	88.4	78.4							537.8	601.7
OF WHICH INDIRECT EXPORTS	*8.0*	*7.8*	*8.4*	*8.3*	*6.1*	*6.2*							*42.8*	*80.9*
EXPORT	7.5	7.0	7.3	8.8	8.6	6.4							45.6	48.3
TOTAL SHIPMENTS	**105.3**	**103.6**	**97.7**	**95.0**	**97.0**	**84.8**							**583.4**	**650.0**
ENDING STOCK	**109.8**	**116.4**	**123.5**	**123.7**	**120.8**	**117.7**							**117.7**	**106.5**
OLEFIN														
PRODUCTION	**76.9**	**86.9**	**82.1**	**86.3**	**81.9**	**85.1**							**499.2**	**482.7**
SHIPMENTS														
FILAMENT YARN	15.7	17.3	16.7	16.9	17.6	18.2							102.4	93.3
FILM FIBER & OTHER	59.4	66.9	67.7	67.0	67.4	69.1							397.5	383.7
TOTAL SHIPMENTS	**75.1**	**84.2**	**84.4**	**83.9**	**85.0**	**87.3**							**499.9**	**477.0**
ENDING STOCK	**66.7**	**69.4**	**67.1**	**69.5**	**66.4**	**64.2**							**64.2**	**67.2**
TOTAL ABOVE [c]														
PRODUCTION	**319.4**	**324.1**	**321.5**	**315.2**	**314.1**	**291.6**							**1885.9**	**1870.8**
SHIPMENTS	**307.2**	**319.5**	**313.7**	**315.8**	**311.4**	**302.8**							**1870.4**	**1862.2**
ENDING STOCK	**304.7**	**309.3**	**317.1**	**316.5**	**319.2**	**308.0**							**308.0**	**310.3**

See Footnotes Opposite